

Notice of Allowability

Application No.

09/893,083

Examiner

Huyen X. Vo

Applicant(s)

UTSUMI, KIYOOMI

Art Unit

2655

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/1/2005.
2. ☒ The allowed claim(s) is/are 1-9.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

W. R. YOUNG
PRIMARY EXAMINER

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-9 are allowed over prior art of record. The following is an examiner's statement of reasons for allowance: Patent Laid-Open Publication No. H06-164277 (*incorporated by reference*) discloses an envelope generator, method, and computer-readable medium having instructions recorded thereon, comprising: an input terminal for having a signal inputted therein (*element 61 in fig 5*); a first integrator for generating intermediate state of envelopes with a first attack time and a first release time in response to changes in level of said signal inputted through said input terminal to impart said intermediate state of envelopes to said signal (*see figure 1, sections [0021]-[0022], and element 66 in figure 5*); a second integrator for respectively modifying said intermediate state of envelopes into final state of envelopes with a second attack time and a second release time in response to changes in level of said signal outputted from the first integrator to impart said final state of envelopes to said signal (*see figure 1, sections [0021]-[0022], and element 66 in figure 5*); and an output terminal for outputting said signal with said final state of envelopes therethrough (*output terminal 68 in figure 5*), wherein said second attack time is equal to a desired attack time (*attack coefficient a_1 in figure 1 is a desired attack time*); and the sum of said first release time and said second release time is equal to a desired released time (*the operation of figure 1, when the level of the input signal is smaller than the level of the feedback signal, signals produced by release coefficient multiplier A 3 and B10 are selected and added together by adder 7, and the result is the desired release time*). Yoshizumi (US 5530768)

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teaches the attack time may equal to zero second (*col. 7, lines 22-23*). Both Patent Laid-Open Publication and Yoshizumi fail to specifically disclose a time constant distributor for receiving a desired release coefficient to distribute a first release coefficient to said first integrator and a second release coefficient to said second integrator, said first release coefficient corresponding to said first releasing time of said first integrator, said second release coefficient corresponding to said second releasing time of said second integrator. Furthermore, it would have not been obvious to one of ordinary skill in the art at the time of invention to modify either Patent Laid-Open Publication and/or Yoshizumi in order to obtain the claimed invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Huyen X. Vo whose telephone number is 571-272-7631. The examiner can normally be reached on M-F, 9-5:30.

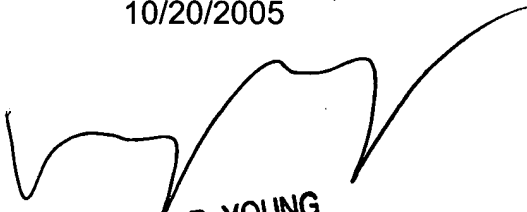
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wayne Young can be reached on 571-272-7582. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HXV

10/20/2005



W. R. YOUNG
PRIMARY EXAMINER